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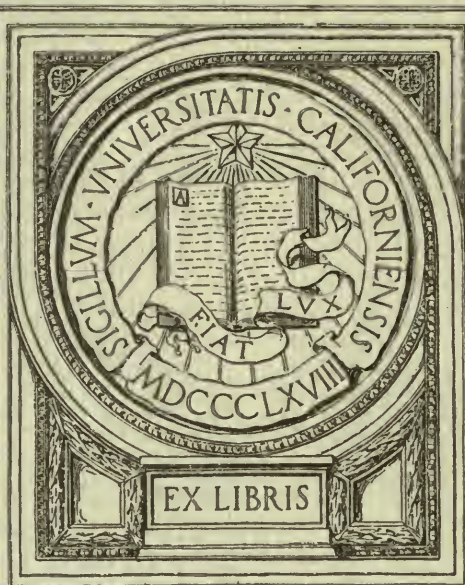
Steel bookstack

Library  Bureau

YE 14950

GIFT OF

Library Bureau.



EX LIBRIS

Steel bookstack

Library Bureau



Factories

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Executive Offices: Albany and Pacific streets, Cambridge, Mass.

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Shepley, Rutan & Coolidge, Architects

H. L. Koopman, Librarian
John Hay Memorial Library, Brown University, Providence, R.I.

LIBRARY
SCHOOL

268
L51



THE proper housing of books in the modern library depends not only on the arrangement of the stack room but upon the design and construction of the bookstack itself.

Library Bureau bookstack is manufactured in two general types known as the bracket adjustment type and the slotted upright adjustment type.

Each has its peculiar qualification for fitness or desirability in modern library construction and for this reason a general definite recommendation is impossible. It may be said, however, that the bracket type has met the average requirements to better advantage than the slotted upright type.

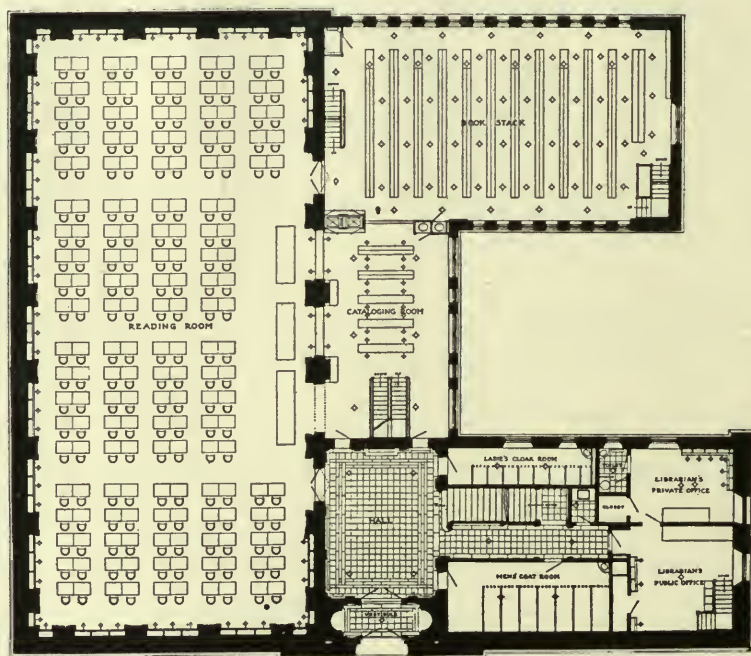
In these types of stack, in single and multi-story installation, Library Bureau offers the highest development in bookstack design and construction. These types, in various combinations, meet the need of any library and allow for such expansion as library growth demands.

Library Bureau stack is finished in baked enamel of olive green color which, being soft and neutral in tone, harmonizes perfectly with any surroundings. Special finishes in solid colors or reproductions of various woods, with special treatment of end panels and cornices, permit carrying out the ideas of the architects or library committee.

Library Bureau is glad to co-operate at all times with architects, trustees and librarians in offering suggestions based on many years' experience in this important problem of stack room arrangement and construction.



One floor of eight-story Library Bureau bracket stack showing an end aisle.
John Hay Memorial Library, Brown University, Providence, R.I.



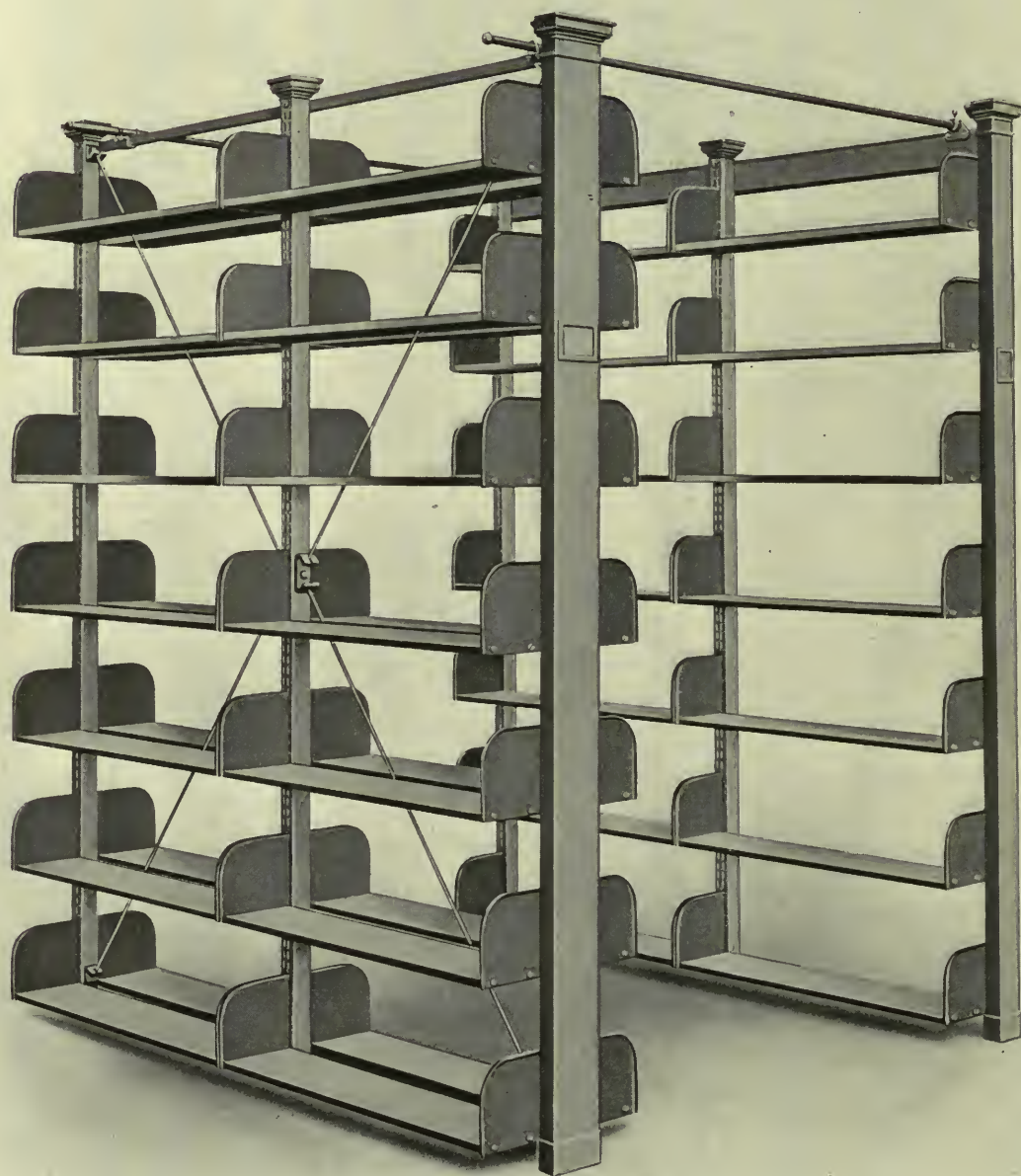
Floor plan showing main stack room, 57' 0" x 31' 6"



Double-faced stack

Wall stack

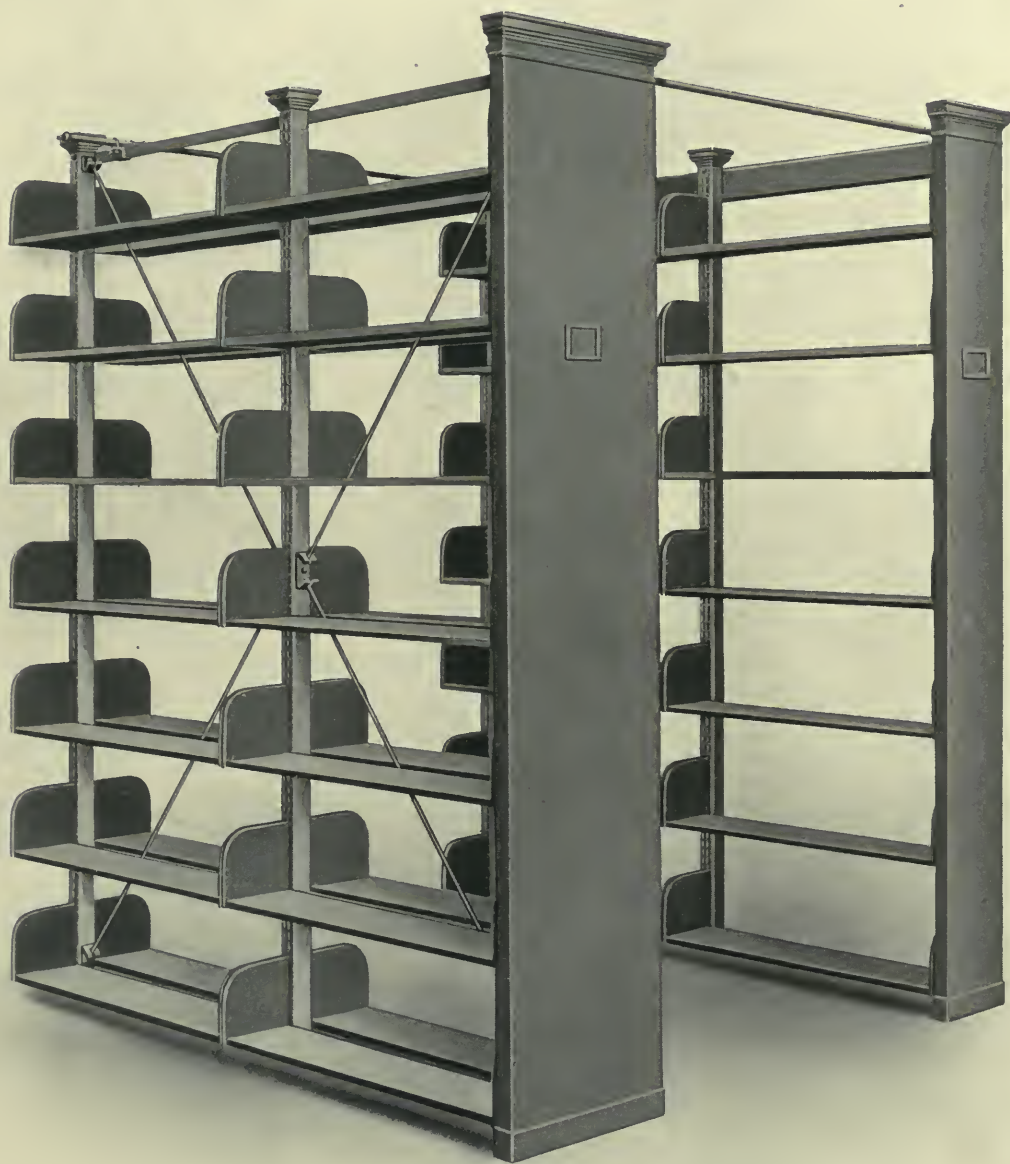
Library Bureau standard bracket stack, non-free standing type, showing plain tubular uprights, with cast caps, plate brackets, eight inch steel adjustable shelves



Double-faced range

Wall range

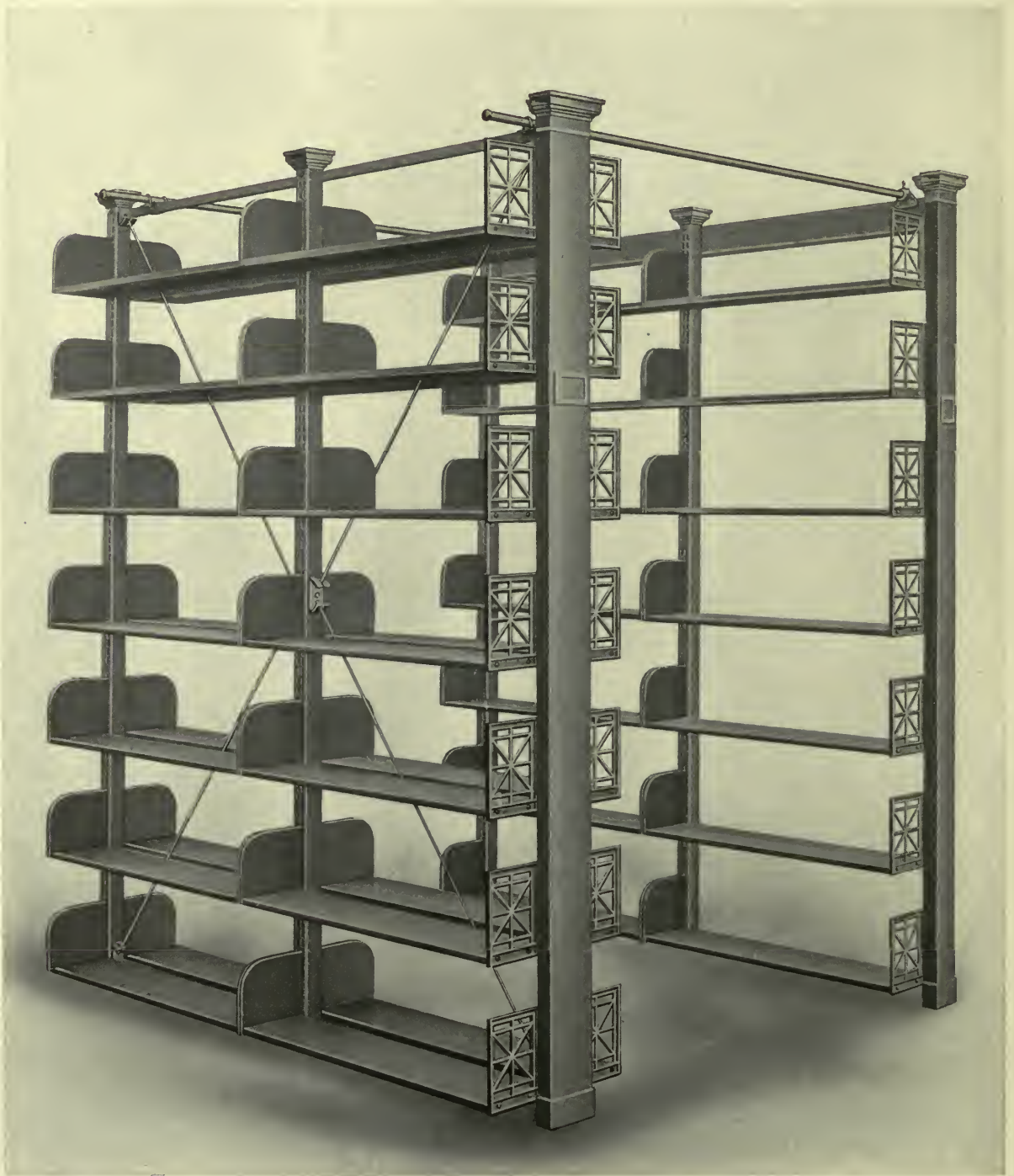
Library Bureau standard bracket stack, non-free standing type, showing narrow pilaster ends with ornamental cap and base, plate brackets, eight inch steel adjustable shelves



Double-faced range

Wall range

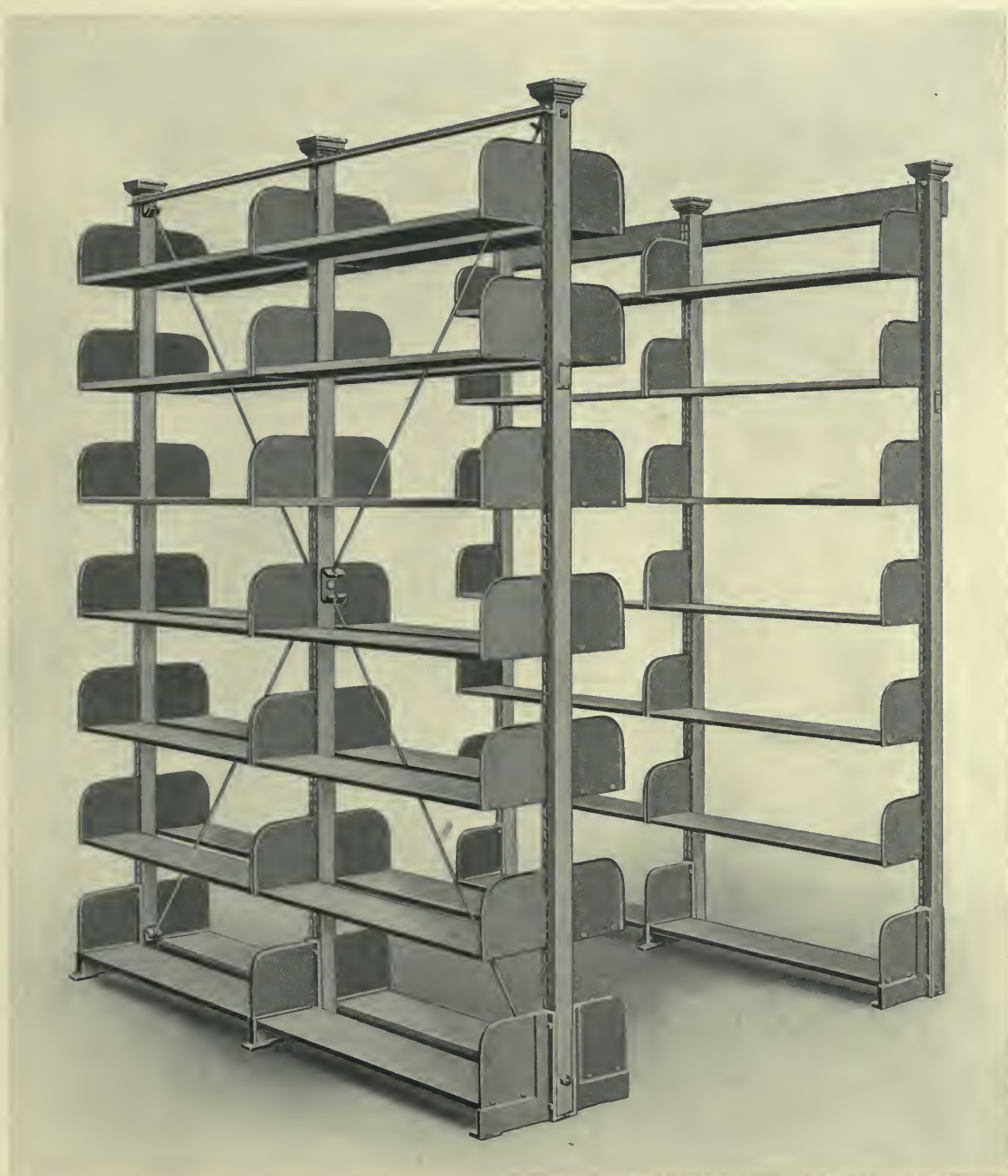
Library Bureau standard bracket stack, non-free standing type, showing wide end panels with ornamental cap, plate brackets, eight inch steel adjustable shelves



Double-faced range

Wall range

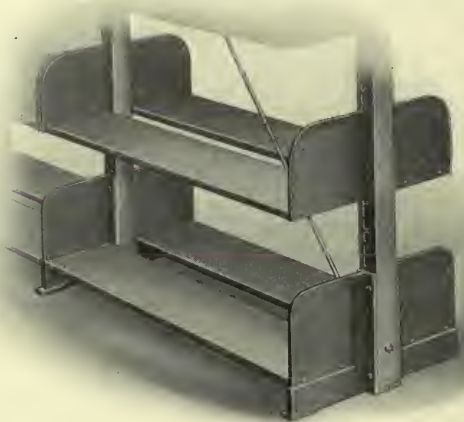
Library Bureau standard bracket stack, non-free standing type, showing narrow pilaster ends with cast brackets of Greek Doric design, eight inch steel adjustable shelves



Double-faced range

Wall range

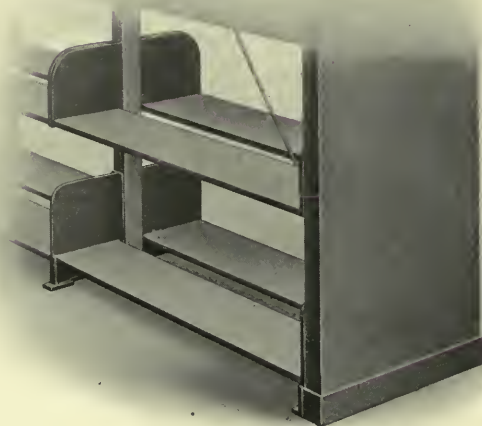
Library Bureau standard bracket stack, free standing type, showing plain tubular uprights, plate brackets, eight inch steel adjustable shelves. This free standing feature is also furnished for the types shown on pages 6, 7 and 8



Free standing base with tubular upright



Free standing base with narrow
pilaster end



Free standing base with wide end panel

L. B. Bracket stack

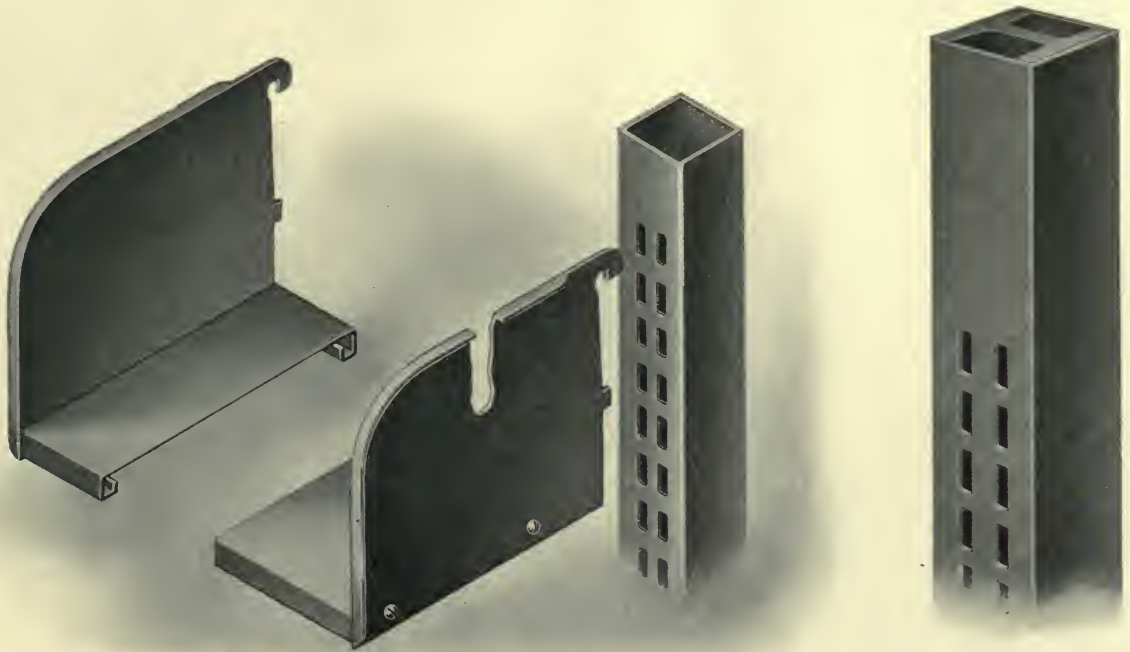
LIBRARY BUREAU standard bracket stack represents the best ideas in stack construction. It combines excellence in design with rigidity of construction, simplicity of adjustment and facility of expansion; is free from dust collecting surfaces, presents the least possible obstruction of light and allows the maximum of ventilation.

Uprights

This stack is constructed of a central standard, supporting wing bracketed shelving. The supporting standard is built of cold drawn square steel tubing, the lightest and strongest structural form. These standards are perforated to receive the brackets which are locked in place by the hook and safety lug shown in the accompanying illustration.

The uprights or standards are furnished with cast base plates of two designs—one for free standing and one for non-free standing stack. These base plates are bored for screwing to the floor. Tie bars of angle construction connect the uprights at the top and are securely bolted in position. Additional rigidity is secured by means of round iron adjustable swayrods between the uprights as shown in the illustration.

Non-free standing stack is secured in position by means of strut pipes fastened



Shelf with tubular upright, showing bracket adjustment with locking hook and lug

Tubular upright showing reinforcement for multi-story construction

by special brackets to the tie bars of each range of stack and connected at one or both ends with the wall of the stack room. Free standing stack, as its name implies, does not require strut pipe connections for support. The heavy supporting base, when screwed to the floor, allows it to stand anywhere in the stack room.

Ornamental ends and cornices



Bracket stack showing method of adjusting shelf

For architectural purposes, ornamental pilasters, or finished ends, may be applied when desired. These may be furnished in the narrow pilaster type, covering the upright only, or the full end panel covering both upright and brackets. These ornamental ends are supplied with projecting base members and cast ornamental caps and bronze label holders. Specially designed ends and cornices may be supplied to harmonize with the general architectural scheme of the library.



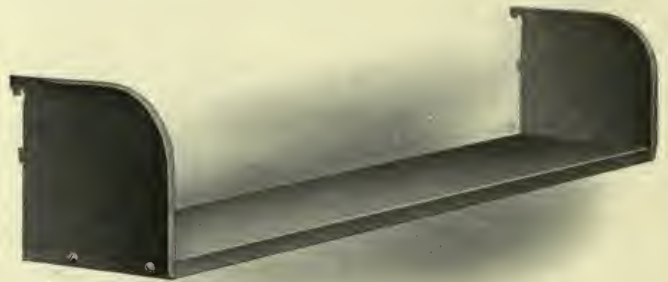
Greek bracket

Brackets

The shelf brackets are furnished in two styles, plate and cast. The plate bracket is formed from seventeen gauge cold rolled steel with exposed edges flanged and rounded, presenting a smooth even surface which protects the books when being placed on the shelf. The cast bracket is of Greek Doric design and is used principally in conjunction with the narrow pilaster end where a more ornamental feature is desired.

L. B. brackets are made $6\frac{1}{2}$ inches high inside. This height has been standardized as giving the best support to the books and furnishing the best proportions in relation to the stack uprights.

A special inverted bracket allowing close adjustment of shelves is supplied for bound newspapers.



Standard shelf with plate brackets



Standard 18" shelf with inverted flanged brackets for volumes of bound newspapers



Adjustable shelf ledge

A special adjustable shelf ledge, 30" x 7½", is furnished which may be fastened to the front of any shelf, increasing the depth of shelf and supplying a convenient ledge on which books may be placed for reference.

Wire book support

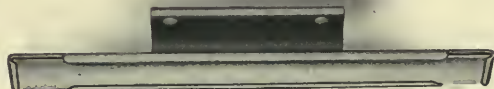
The L. B. wire book support is made of heavy spring wire formed at the upper ends to engage in the channels formed by the bend at the back and the front of the shelf. This peculiar form gives a perfectly rigid bearing and makes it impossible for the support to become displaced. This support is instantly adjustable. Finished in olive green enamel.



Non-losable book support

Non-losable book support

The L. B. non-losable book support is free standing and not fastened to the shelf. It is constructed with a flange or wing ¾" wide, which makes it always visible and prevents "spearing" the books on the support when being placed on the shelf. Made of heavy stamped steel and finished in olive green enamel.



Shelf label holder

Shelf label holder

The new adjustable spring clip label holder is designed for the L. B. square front shelves. It is instantly adjustable and requires no screws to hold it in position. Finished in olive green enamel.

Shelves

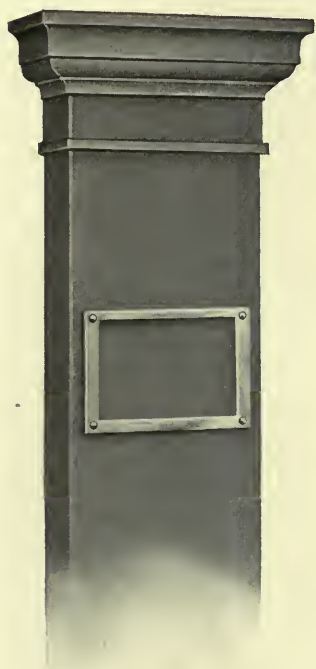
Shelves are made of cold rolled plate steel with square turned edges, a feature original with Library Bureau. This square edge feature enhances in marked degree the appearance of the shelf and forms a three angle truss producing the strongest and most rigid shelf possible.

Shelves are made in 8", 10" or 12" depth. All depths of shelf may be used interchangeably in the same stack.

The shelf and its brackets are securely joined together and the shelf adjustment is accomplished with the minimum of effort. All shelves are adjustable in height on inch centers, the hook and safety lug engaging the perforations in the upright standards. The safety lug insures rigidity and prevents accidental dislodgment of the shelf.



Wire book support



Pilaster end with
cast cornice

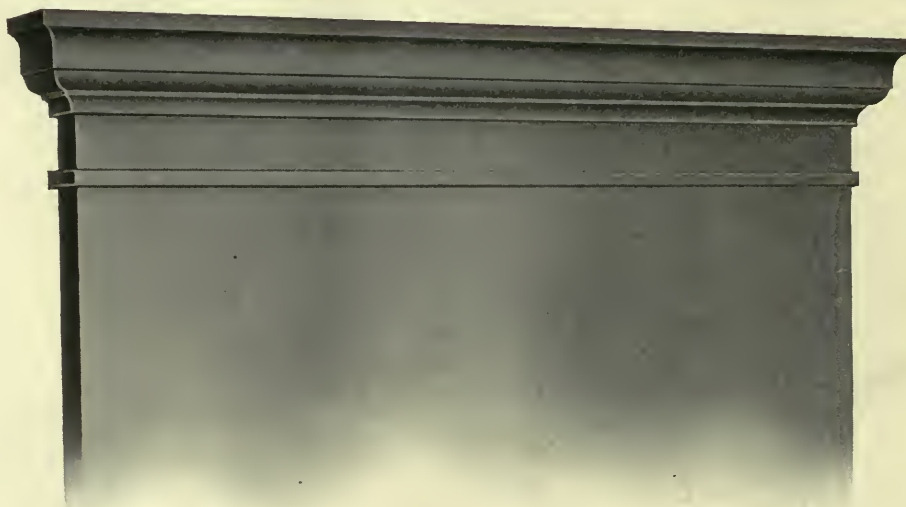


Tubular upright
with cast cap

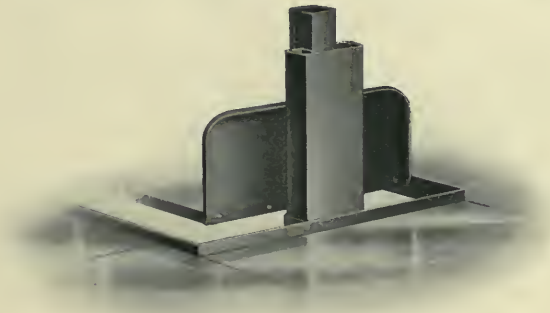


Tubular upright at-
tached, rear view
showing pilaster end

Standard details



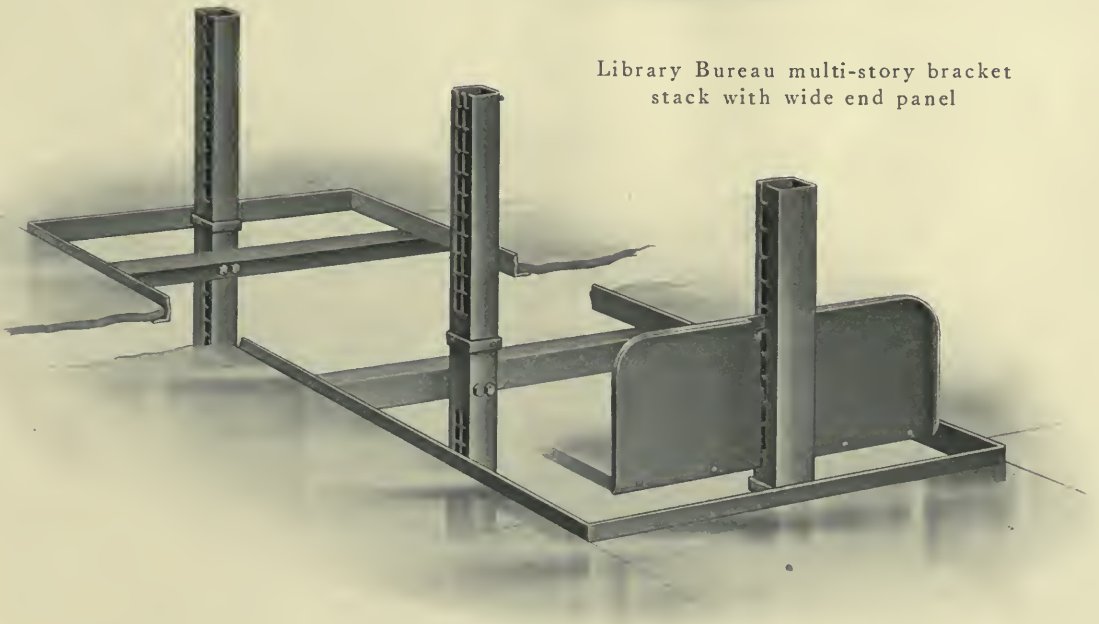
Wide end panel with cast cornice



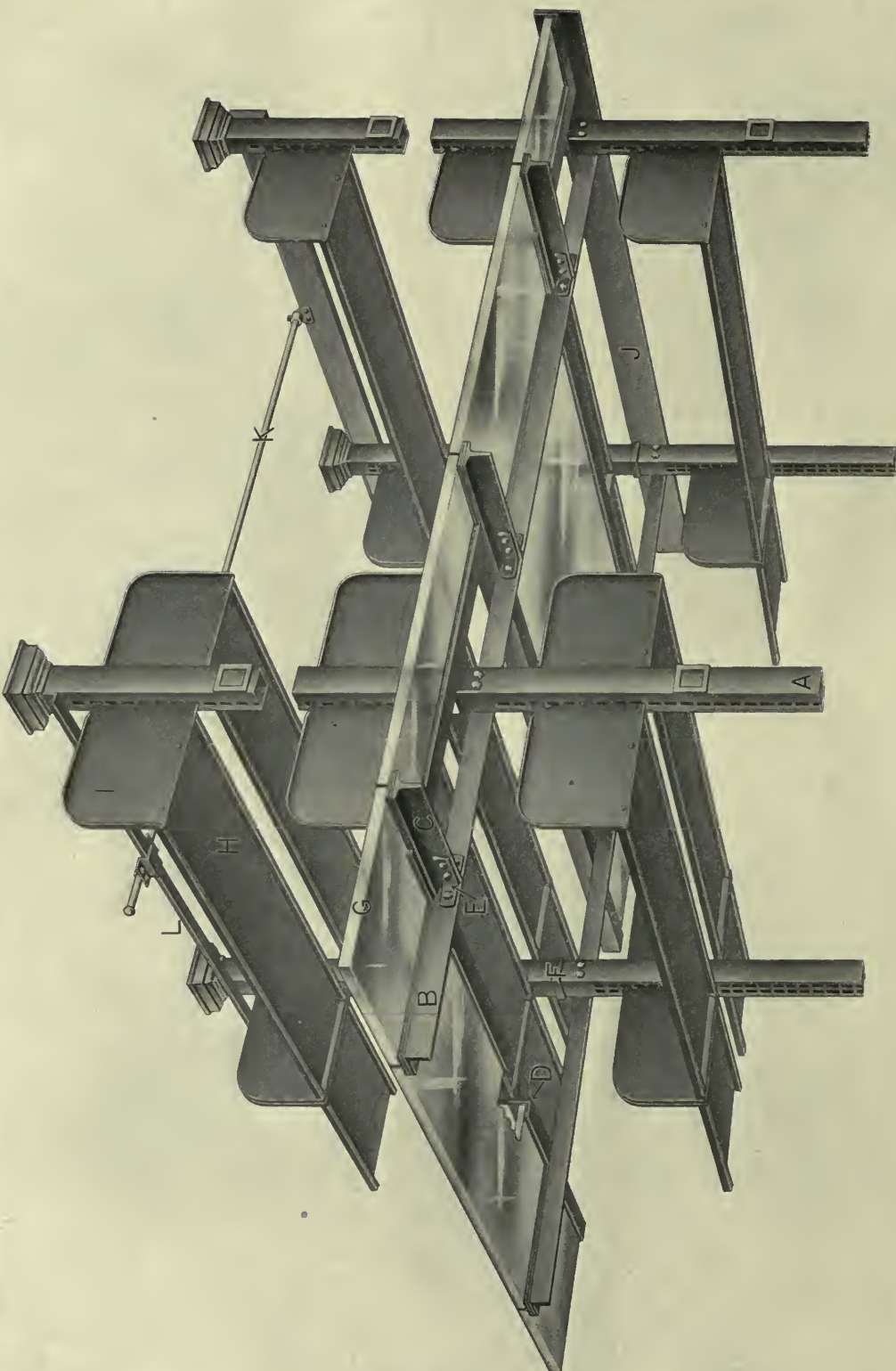
Library Bureau multi-story bracket
stack with narrow pilaster end



Library Bureau multi-story bracket
stack with wide end panel



Library Bureau multi-story bracket stack tubular uprights showing stack well and floor framing
with glass floor

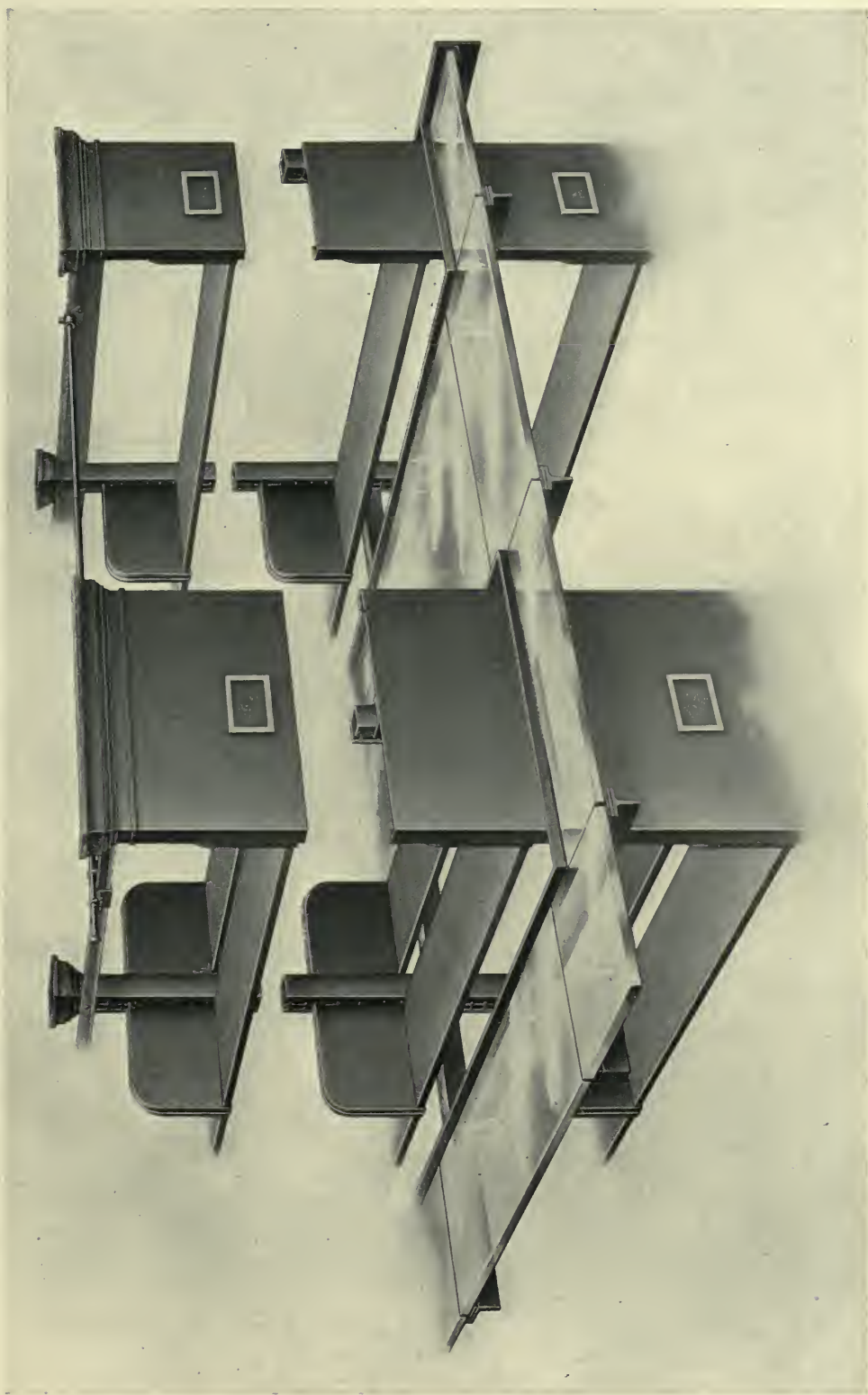


A—Tubular upright
 B—2" x 2" floor angle
 C—2" T bar
 D—2" x 1½" curb angle for receiving floor of glass or marble

E—Angle plate connecting T bars with angle iron
 F—Junction block
 G—Floor (glass or marble)
 H—Shelf

I—Plate bracket
 J—Steel wall plate
 K—Connecting strut pipe used on top story only
 L—Tie bar used on top story only

Multi-story standard bracket stack, tubular uprights, showing steel and glass floor construction viewed from below.
 For floor heights, range lengths, aisle widths, etc., see L. B. standards, page 20



Multi-story standard bracket stack, wide end panels, showing steel and glass floor construction viewed from above.
For floor heights, range lengths, aisle widths, etc., see L. B. standards, page 20

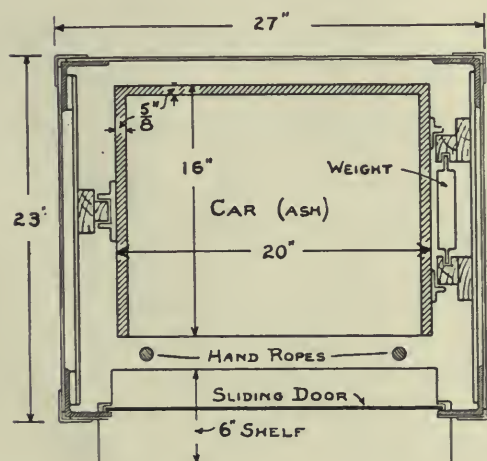


Stairway with plate steel risers, slate treads, and brass hand rails. For stair details see Library Bureau standards, page 20

Steel enclosed book lift, with hand
operated car

- A—Hinged door covering machinery
B—Sliding door, counter balanced
C—Stack floor

For book lift details see Library
Bureau standards, page 21



Plan of book lift



Standards

THE following standards give general information in planning stack room installations. As individual conditions, however, must to a certain degree govern such arrangements, specific information will in most cases be necessary.

We are pleased to consult with architects and librarians and offer the services of an experienced representative. This service will be rendered without charge or obligation.

Stack measurements

Single-story standard bracket stack is made 7' 8" high; multi-story stack 7' 6" from floor to floor; double faced ranges with 8" shelves are 17" face to face; wall ranges with 8" shelves are 10 $\frac{1}{4}$ " from front of shelf to wall.

Shelves

The standard length for shelves is 3' on centers. A range of stack will measure 3', 6', 9', 12', 15', etc., on centers according to the number of shelves in width. The standard shelf depths are approximately 8", 10", and 12", the 8" depth being regularly furnished as standard.

Newspaper shelves

A special 18" shelf with inverted flanged brackets is furnished for bound newspapers. The special bracket admits of the close adjustment necessary for newspaper volumes. The standard 8" depth shelves with inverted brackets for use on double stack are also supplied for bound newspapers. Where the 8" shelf is furnished the full depth of the stack is required for each volume.

Stack aisles

The width of the main and range aisles of a stack room are controlled somewhat by the existing conditions.

For open stack rooms the ranges are ordinarily set 4' 6" apart on centers, giving a range aisle of approximately 3'. Range aisles may be as narrow as 2' 6", but this is not advisable where the stack room is in general use. Main aisles should be 3' 6" wide, if possible, and not less than 3'.

Stairways

Straight stairways should be used wherever possible, although a stairway of one turn may be used to advantage where the space will not permit a straight run. Circular stairways are not advised as they generally prove unsatisfactory. The L. B. standard stairway is of wrought steel construction, slate treads being used with glass floor and marble treads with marble floor. Hand rails are of polished brass; stringers are of steel, of closed design, and the balusters of square wrought iron.

Floors

Stack floors are generally of glass or marble, glass being used where the stack room lighting makes it necessary to diffuse the light. Marble is used where reflected light is desired.

Shelf capacity

In figuring the amount of shelving required to accommodate a certain number of volumes the following schedule will be of assistance.

	<i>Volumes per shelf foot</i>	<i>Volumes per 3' double-faced section</i>
Fiction	9	378
General literature	8	336
Reference books	7	294
Law books	5	210

In this connection it must be remembered that no definite figures can be given and that the type of library must be considered. The figures given above will serve to approximate the capacity of any given amount of stack.

The shelf depth must also be determined by the class of book to be shelved. For general purposes the 8" depth shelf is standard. The 10" depth is used for reference and law books. As both depth shelves are interchangeable in L. B. standard bracket stack, the apportionment of such shelves is a simple matter.

Book lifts

For the average library with several tiers of stack a book lift with hand operated car of wood is most commonly used. A plate steel enclosure carries the car and is provided with balanced sliding door and shelf at each floor. The front face of the enclosure at the top is provided with a hinged door to give access to the machinery. The lifting mechanism is geared to move the maximum capacity of the car with perfect ease.

For installations of more than four tiers the electrically operated lift should be used. This may be of the same style as the hand operated car, or if desired, may be sufficiently large to carry a person.

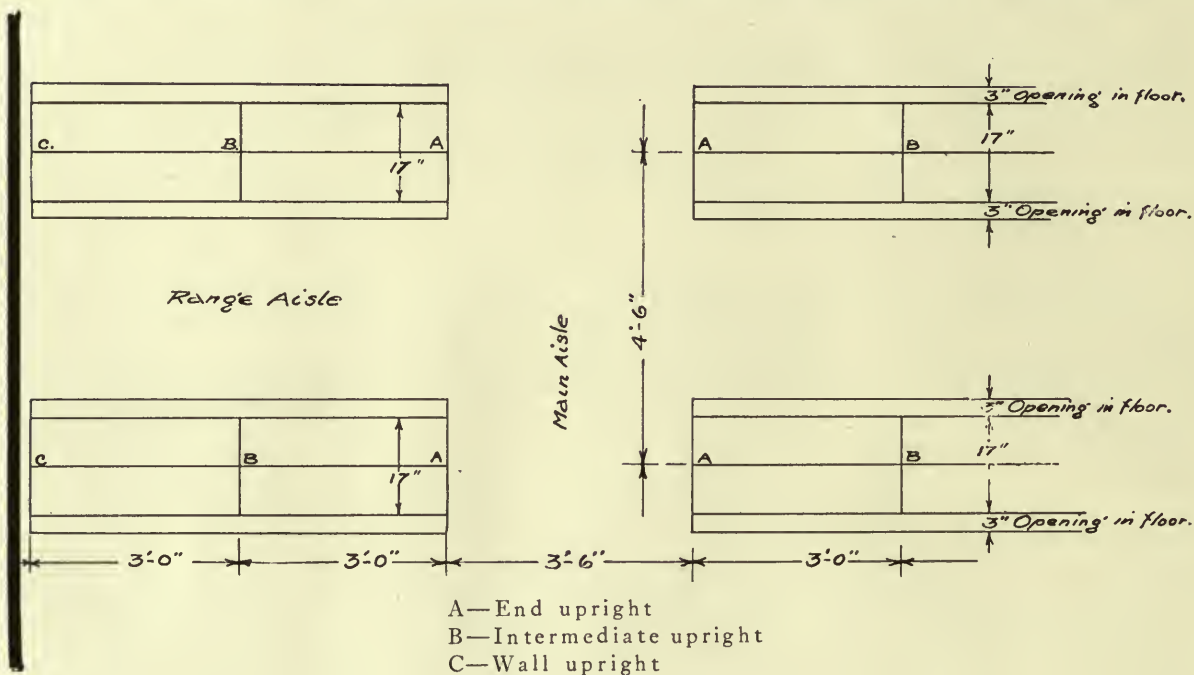
Electric lighting

In single-story installations, provision is made in the strut pipes for carrying the electric light wires. When used as conduits, these strut pipes are provided with outlet boxes having lamps, the lamps being centered over the aisles, usually about 6' apart. In multi-story stack, the conduits are supported by the floor framing members, and outlets located as in the single-story stack.

The lights may be controlled by a switch independent of the stack, by switch boxes attached to or set into the end uprights, or by chain pulls on individual lamps.

Table of loads

for Library Bureau standard bracket stack



Weights

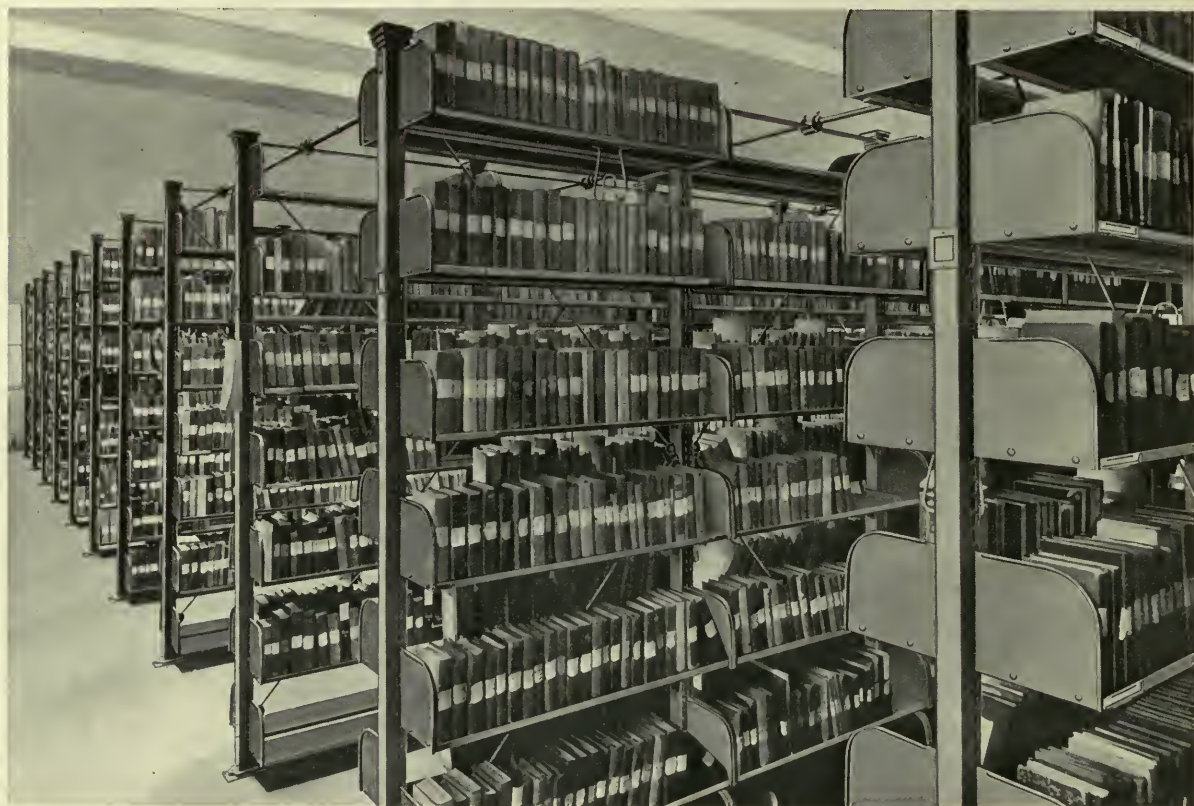
Floor loads are based on an average weight of $66\frac{1}{2}$ lbs. per square foot. This includes the net area of $\frac{3}{4}$ " glass and the gross area of the floor framing, also an allowance of 50 lbs. per square foot, live load.

Where $1\frac{1}{4}$ " marble is used for stack floors the weight is based on an average of $74\frac{1}{2}$ lbs. per square foot.

Shelf loads, $27\frac{1}{2}$ lbs. per cubic foot, will include books, shelves, brackets, up-rights and columns.

Table of loads

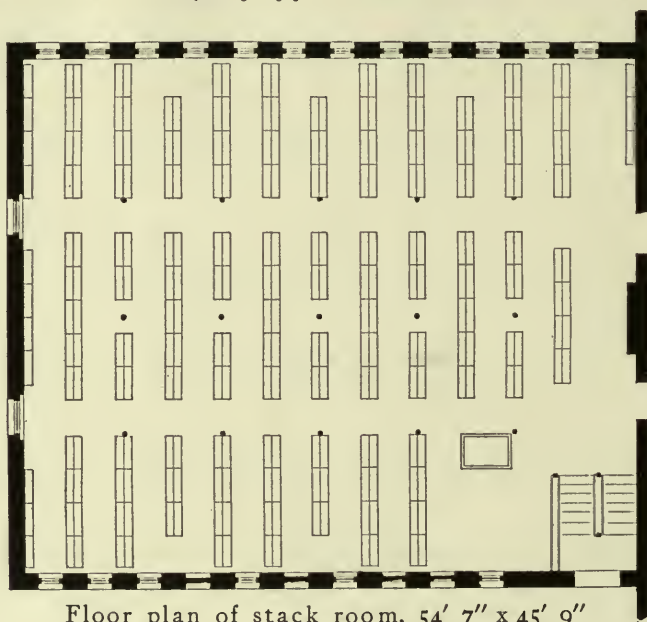
Tier	Loads in lbs.	GLASS			MARBLE		
		A	B	C	A	B	C
12th	Dead	590	960	480	680	1020	510
	Live	590	390	195	590	390	195
	Total from above . . .	1180	1350	675	1270	1410	705
11th	Dead	590	960	480	680	1020	510
	Live	560	370	185	560	370	185
	Total from above . . .	2330	2680	1340	2510	2800	1400
10th	Dead	590	960	480	680	1020	510
	Live	530	350	175	530	350	175
	Total from above . . .	3450	3990	1995	3720	4170	2085
9th	Dead	590	960	480	680	1020	510
	Live	505	335	165	505	335	165
	Total from above . . .	4545	5285	2640	4905	5525	2760
8th	Dead	590	960	480	680	1020	510
	Live	480	315	160	480	315	160
	Total from above . . .	5615	6560	3280	6065	6860	3430
7th	Dead	590	960	480	680	1020	510
	Live	455	300	150	455	300	150
	Total from above . . .	6660	7820	3910	7200	8180	4090
6th	Dead	590	960	480	680	1020	510
	Live	435	285	145	435	285	145
	Total from above . . .	7685	9065	4535	8315	9485	4745
5th	Dead	590	960	480	680	1020	510
	Live	410	270	135	410	270	135
	Total from above . . .	8685	10295	5150	9405	10775	5390
4th	Dead	590	960	480	680	1020	510
	Live	390	260	130	390	260	130
	Total from above . . .	9665	11515	5760	10475	12055	6030
3rd	Dead	590	960	480	680	1020	510
	Live	370	245	125	370	245	125
	Total from above . . .	10625	12720	6365	11525	13320	6665
2nd	Dead	590	960	480	680	1020	510
	Live	350	230	115	350	230	115
	Total from above . . .	11565	13910	6960	12555	14570	7290
1st							



Lewis H. Bacon, Architect

Miss Elizabeth P. Thurston, Librarian

Library Bureau single-story standard bracket stack arranged with two main aisles. One of the two stack floors similarly equipped. Newton Free Library, Newton, Mass.



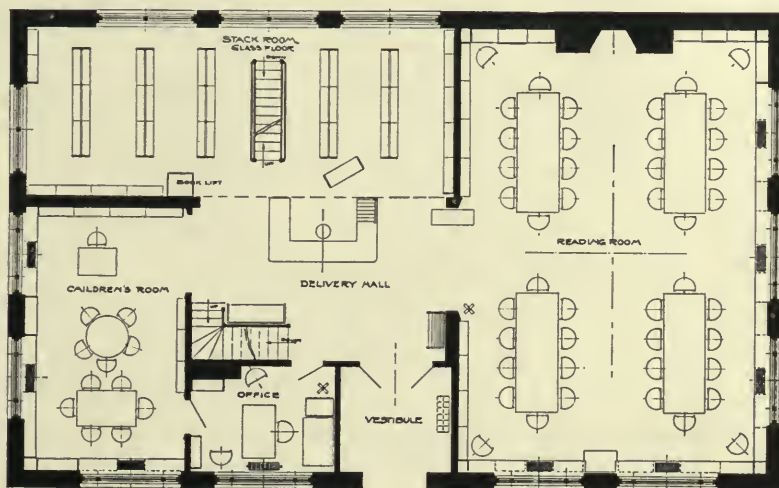
Floor plan of stack room, 54' 7" x 45' 9"



Harris & Richards, Architects

Miss Alice Willigerod, Librarian

Library Bureau three-story standard bracket stack. Hazleton Public Library,
Hazleton, Pa.



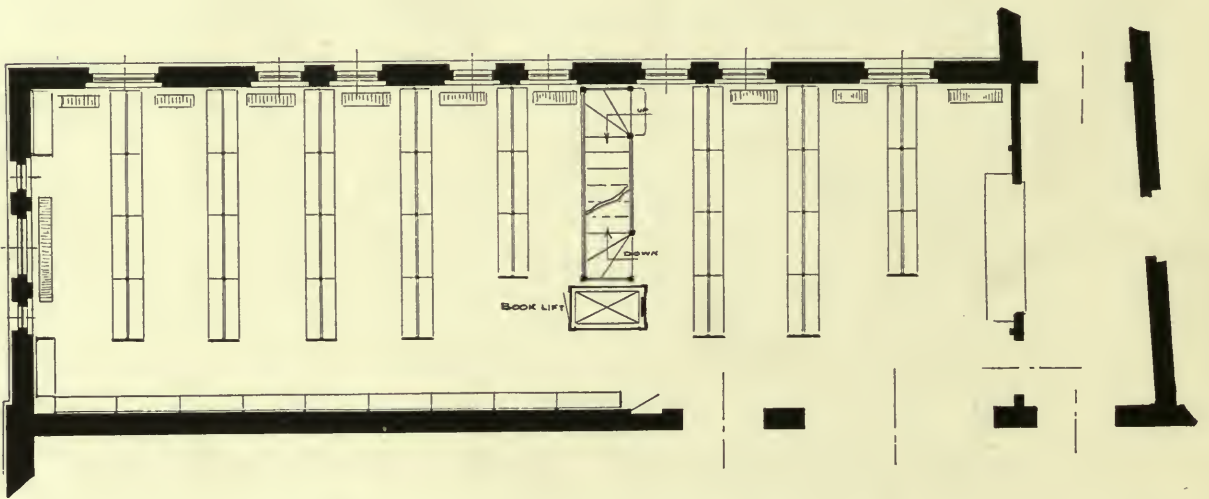
Floor plan of stack room, 37' 0" x 25' 8"



Wilder & White, Architects

Miss E. M. Bowman, Librarian

Library Bureau two-story standard bracket stack. The Plainfield Library,
Plainfield, N.J.



Floor plan of main stack room, 46' 10" x 15' 6"



First story

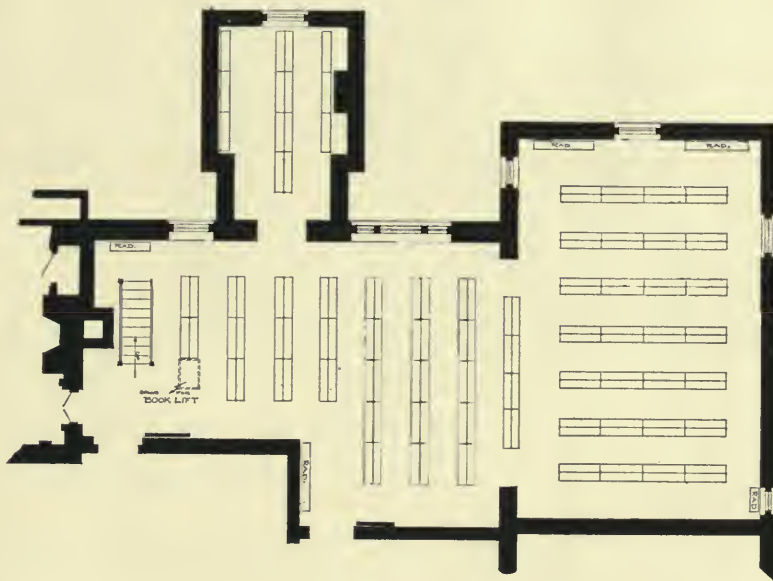
Clarke, Howe & Homer, Architects



Second story

Luella K. Leavitt, Librarian

Library Bureau two-story standard bracket stack. People's Library, Newport, R.I.



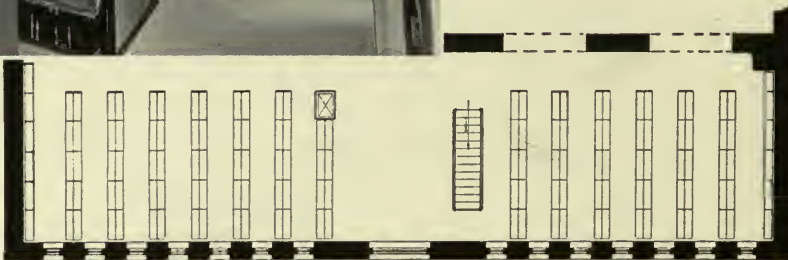
Floor plan of stack room, 54' 7" x 30' 7"



McGoodwin & Hawley, Architects
Miss Ellen M. FitzSimmons, Librarian

Charleston Library,
 Charleston, S. C.

Library Bureau three-story
 standard bracket stack,
 showing special shelves
 for bound newspapers



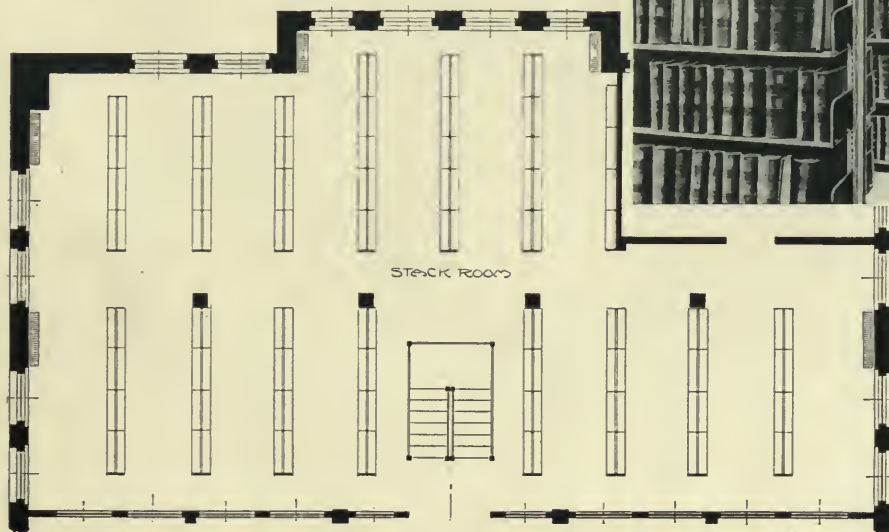
First floor plan of stack room, 71' 6" x 18' 2"



D. H. Bohlen, Architect *F. C. Tilden, Librarian*
De Pauw University Library, Greencastle, Ind.



One floor of main
stack room

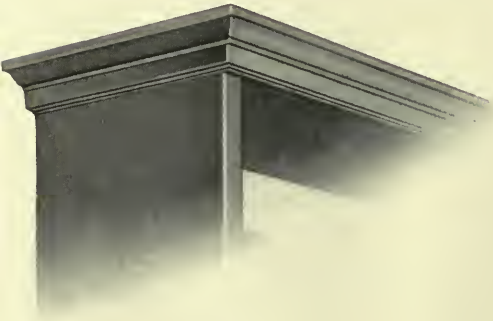


Floor plan of main stack room, 70' 0" x 34' 6"

L. B. slotted upright stack

Construction

LIBRARY BUREAU slotted upright stack is constructed of U-shaped up-rights or supporting columns formed from cold rolled plate steel reinforced with interior steel bars and tees. The uprights are connected at the bottom by an enclosed steel base 3" high, the finished top serving as the bottom shelf, and at the top by a moulded steel cornice 3¼" high with finished top plate. A plain box cornice with top plate may be supplied if desired. The stack range is further reinforced by tie bars and adjustable sway rods. The uprights are slotted front to back on inch centers to receive the shelves, and are formed at the front with a rounded edge having a recessed shoulder which serves as a stop for the shelf.



Detail of cornice; slotted upright stack

When the shelves are in position this recessed shoulder keeps them in alignment.

Shelves

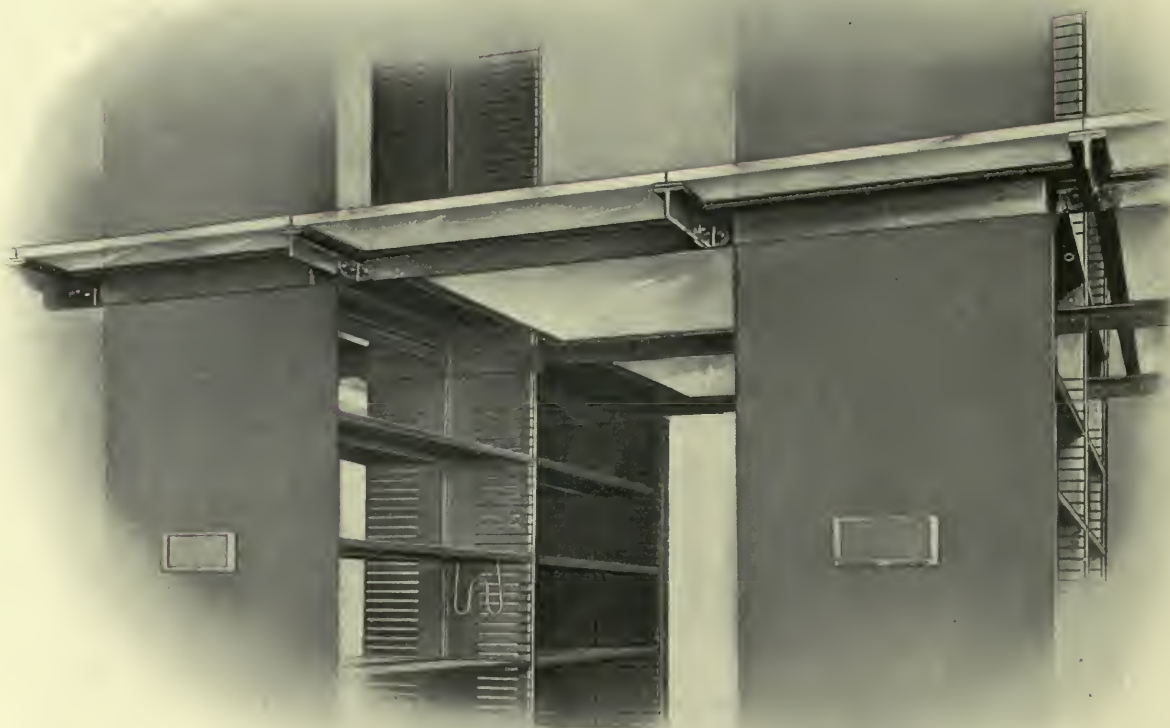
The shelves are formed of cold rolled plate steel with square turned edges. This square edge feature enhances in marked degree the appearance of the shelf, and forms a three angle truss producing the strongest and most rigid shelf possible. The shelves are finished with notched projecting ends which engage the slots in the stack upright, thereby securing the necessary support. The ends of the shelves at the front are formed to meet the curve of the recessed shoulder of the upright.



Shelf; slotted upright stack



Double-faced range Library Bureau slotted upright stack with enclosed base and moulded steel cornice with top plate. Eight inch adjustable shelves



Library Bureau multi-story slotted upright stack showing double-faced ranges with steel and glass stack floor. For lengths of ranges, aisle widths, etc., see Library Bureau standards, page 20

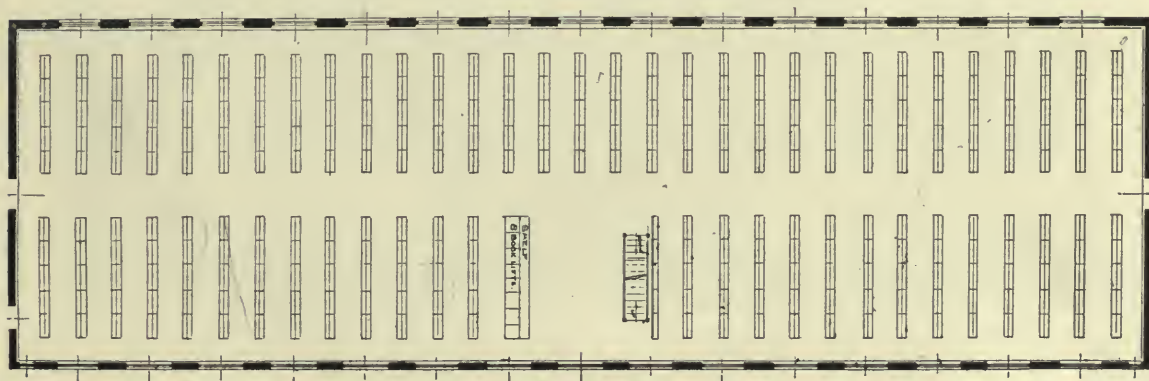


Cass Gilbert, Architect

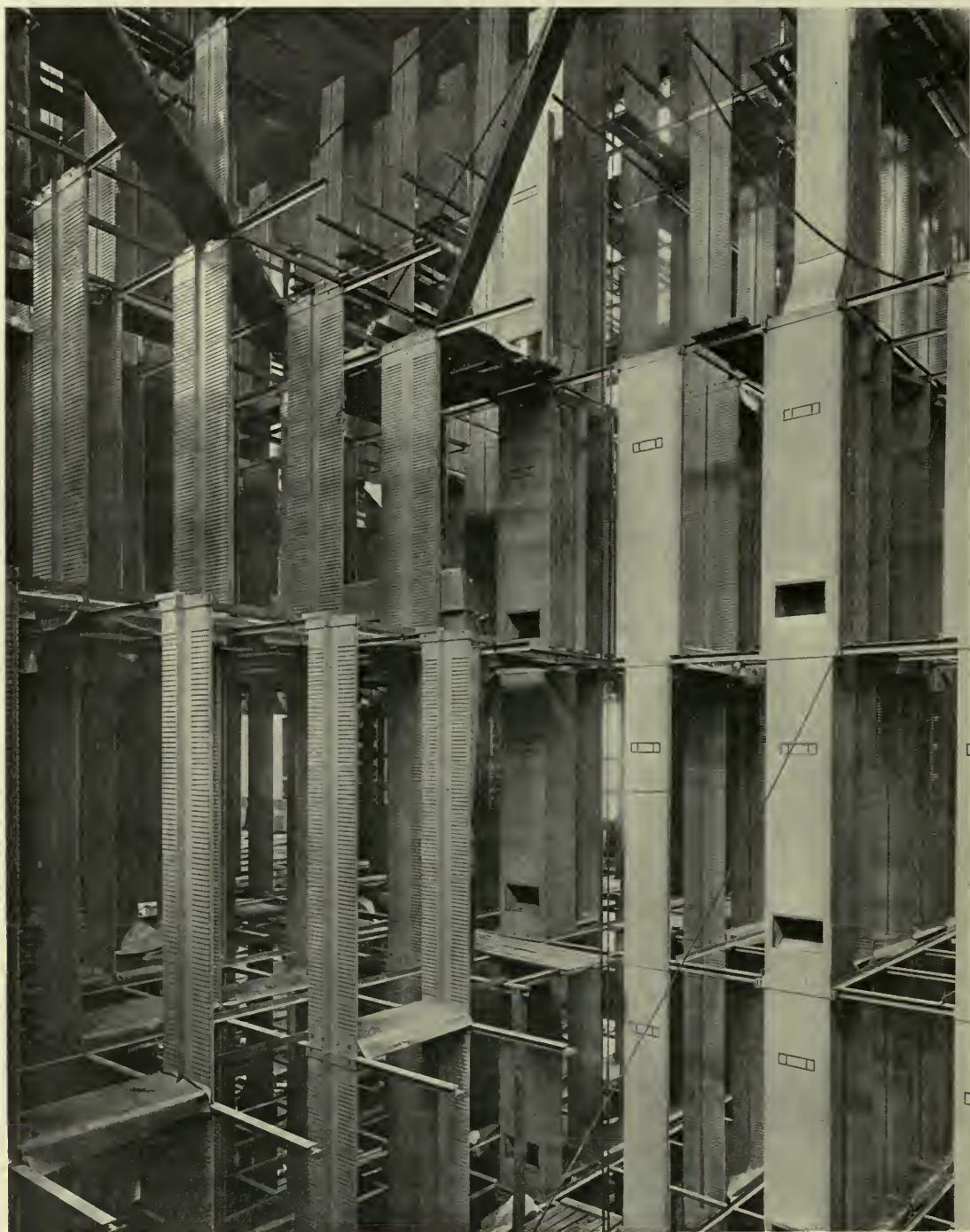
Arthur E. Bostwick, Librarian

St. Louis Public Library, St. Louis, Mo.

Rear view, showing location of stack room



Floor plan of stack room, 136' 0" x 40' 0"



Library Bureau seven-story slotted upright stack in process of erection. St. Louis Public Library, St. Louis, Mo.



Library Bureau seven-story slotted upright stack in process of erection. St. Louis Public Library, St. Louis, Mo.



Prof. John Galen Howard, Architect

J. C. Rowell, Librarian

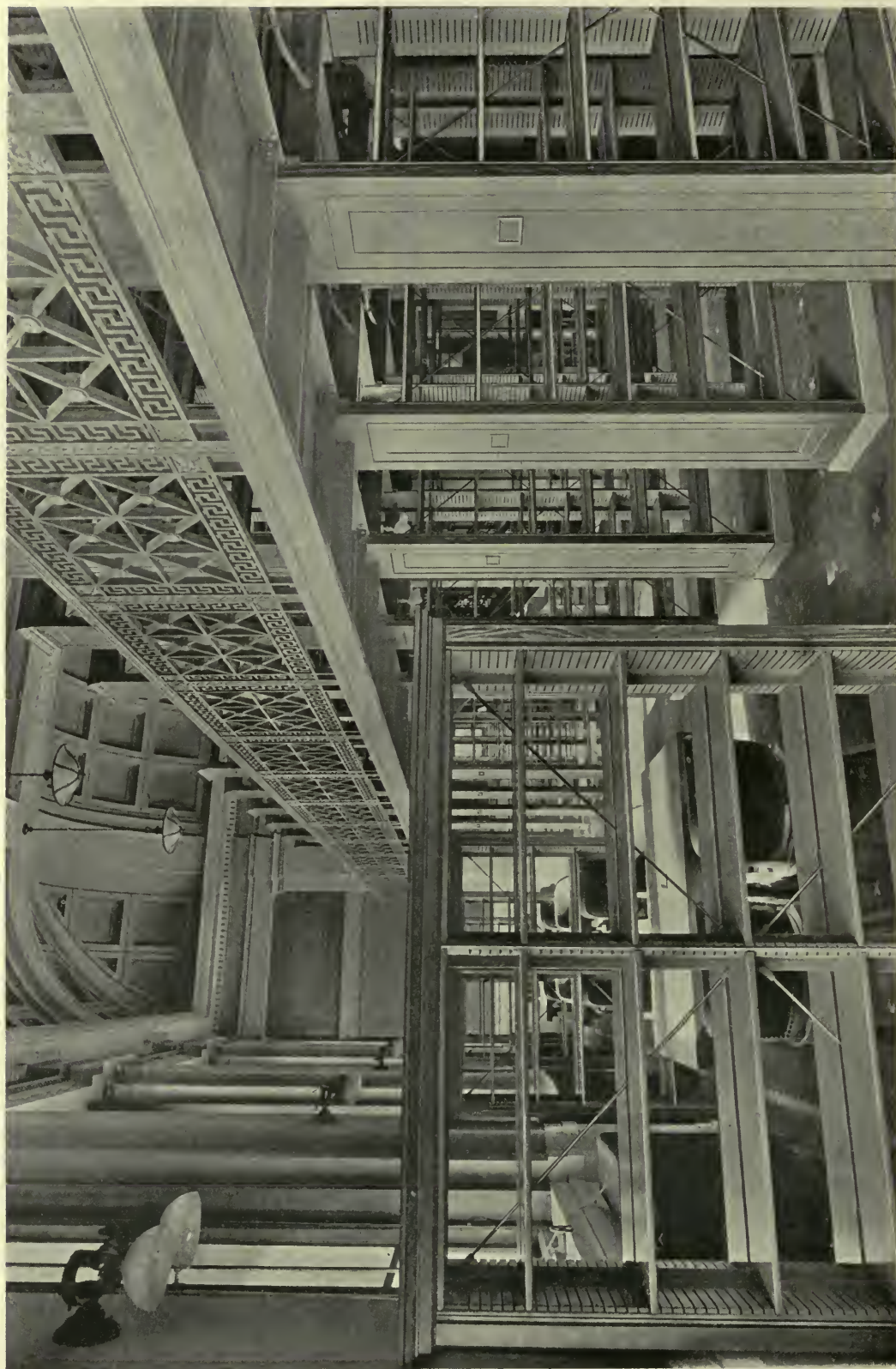
Library of the University of California, Berkeley, Cal.



Library Bureau two-story slotted upright stack



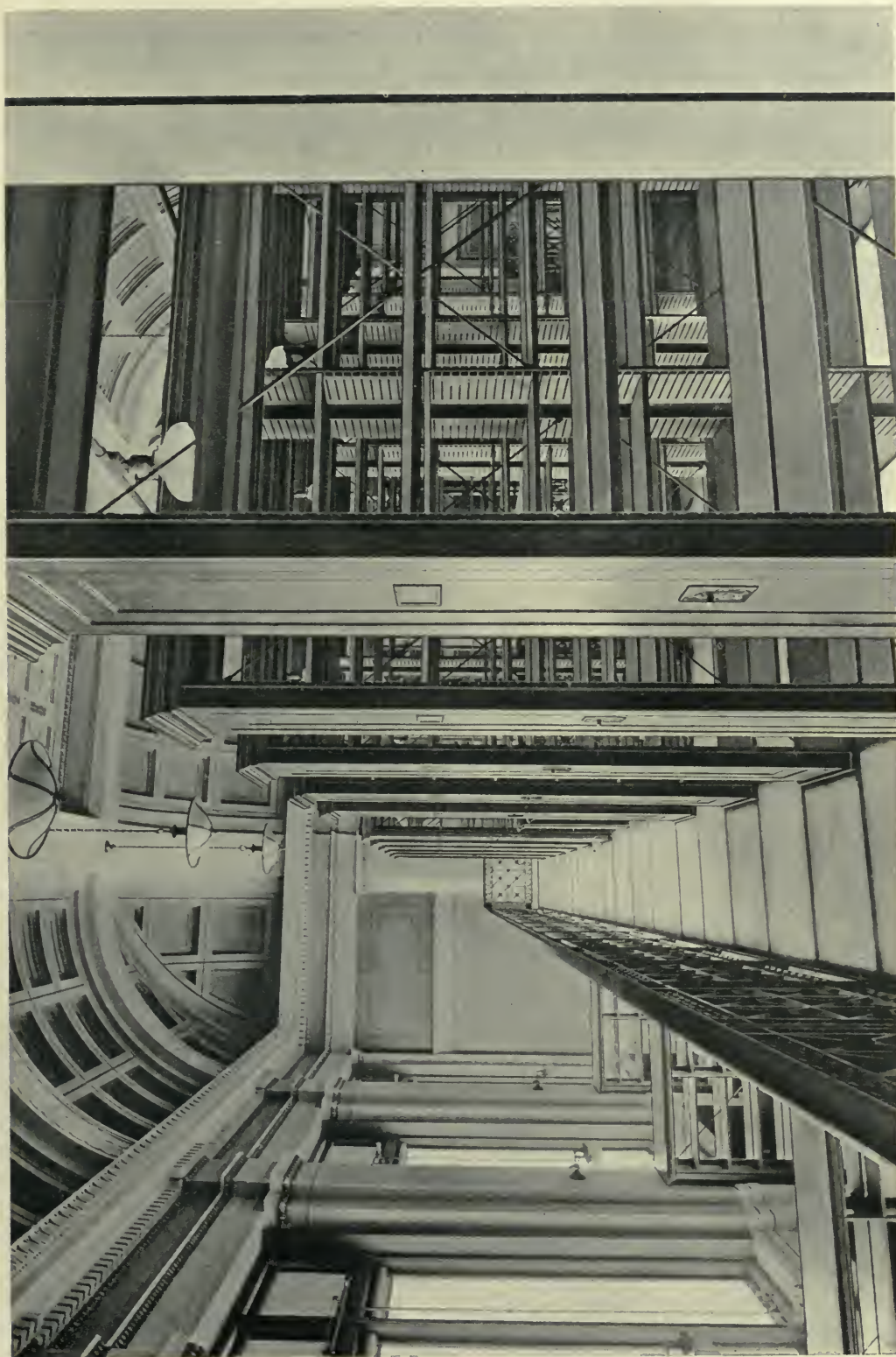
Library Bureau single-story slotted upright stack showing special high double-faced ranges. Supreme Court Library, No. 51 Chambers street, New York City



Allen & Williams, Architects

Library Bureau two-story slotted upright stack with marble base and special moulded end panels. Cantilever constructed balcony with ornamental railing. New Haven County Court House, New Haven, Conn.

Miss Mary S. Foote, Librarian



Library Bureau slotted upright stack showing second story with steel and glass stack floor. New Haven County Court House, New Haven, Conn.



Henry L. Reinhold, Jr., Architect G. S. Glenn, Associate Architect

Library Bureau four-story slotted upright stack with steel and glass stack floors, showing cantilever outside aisle with railing. Library of the Academy of the New Church, Bryn Athyn, Pa.

E. F. Stroh, Librarian

Partial list of installations of Library Bureau bookstack

Arizona

Copper Queen Mining Company
University of Arizona

Douglas
Tucson

California

University of California
Packard Library
California State Library
Santa Rosa Public Library

Berkeley
Marysville
Sacramento
Santa Rosa

Colorado

Greeley Public Library
State Normal School
Free Public Library

Greeley
Greeley
Trinidad

Connecticut

Curtis Memorial Library
South Norwalk Public Library
New Haven County Law Library
Hartford Public Library
Thompsonville Public Library
New London County Bar Association

Meriden
South Norwalk
New Haven
Hartford
Thompsonville
Norwich

District of Columbia

St. Thomas College
Howard University
Catholic University of America
U. S. Navy Medical School
Carnegie Endowment Institute for Peace
D. A. R., Continental Memorial Hall

Brookland
Washington
Washington
Washington
Washington
Washington

Florida

Jacksonville Public Library
Woman's Club

Jacksonville
Miami

Idaho

University of Idaho

Moscow

Illinois

Belleville Public Library
Withers Public Library
Southern Illinois State Normal School
University of Illinois
Eastern Illinois State Normal School
Blackstone Memorial Library
Board of Education
Chicago Law Institute

Belleville
Bloomington
Carbondale
Champaign
Charleston
Chicago
Chicago
Chicago

Illinois—Continued

John Crerar Library
University of Chicago
Lewis Institute
Vespasian Warner Library
Free Public Library
Gail Borden Public Library
Illinois School for the Deaf
Public Library
Public Library
Public Library
Scoville Institute
Public Library
Pekin Public Library
Lincoln Library
Illinois State Library
Public Library
Public Library
Waukegan Public Library

Chicago
Chicago
Chicago
Clinton
Decatur
Elgin
Jacksonville
Lake Forest
La Salle
Lexington
Oak Park
Olney
Pekin
Springfield
Springfield
Sycamore
Vienna
Waukegan

Indiana

Anderson Public Library
Connersville Public Library
Public Library
De Pauw University
Public Library
Public Library
Emeline Fairbanks Memorial Library

Anderson
Connersville
Elkhart
Greencastle
Hartford City
Indianapolis
Terre Haute

Iowa

State Normal School
Public Library
Carnegie-Stout Free Public Library
Parsons College Library
Upper Iowa University
Stewart Library
Public Library

Cedar Falls
Davenport
Dubuque
Fairfield
Fayette
Grinnell
Onawa

Kansas

Coffeyville Public Library
Concordia Free Public Library
State Normal School
Public Library
Leavenworth Free Public Library
State Normal School

Coffeyville
Concordia
Emporia
Independence
Leavenworth
Pittsburg

Louisiana

Carnegie Library
Public Library
Tulane University Law School

Jennings
New Orleans
New Orleans

Maine

Jesup Memorial Library	<i>Bar Harbor</i>
Brownville Free Public Library	<i>Brownville</i>
Stewart Library	<i>Corinna</i>
Fort Fairfield Public Library	<i>Fort Fairfield</i>
Guilford Memorial Library	<i>Guilford</i>
Ricker Classical Institute	<i>Houlton</i>
Bates College Library	<i>Lewiston</i>

Maryland

Western Maryland College Library	<i>Westminster</i>
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Massachusetts

Ashburnham Public Library	<i>Ashburnham</i>
New England Baptist Library	<i>Boston</i>
New England Insurance Library	<i>Boston</i>
Society of Civil Engineers	<i>Boston</i>
Chelsea Public Library	<i>Chelsea</i>
Bigelow Free Public Library	<i>Clinton</i>
Peabody Institute Library	<i>Danvers</i>
Shute Memorial Library	<i>East Everett</i>
Frederick E. Parlin Memorial Library	<i>Everett</i>
Gilbertville Public Library	<i>Gilbertville</i>
Holbrook Public Library	<i>Holbrook</i>
Bancroft Public Library	<i>Hopedale</i>
Hull Public Library	<i>Hull</i>
Lee Library Association	<i>Lee</i>
Leominster Public Library	<i>Leominster</i>
Lynn Public Library	<i>Lynn</i>
Monson Free Library	<i>Monson</i>
Nantucket Athenæum	<i>Nantucket</i>
Newton Free Library	<i>Newton</i>
Smith College Library	<i>Northampton</i>
Richards Memorial Library	<i>North Attleboro</i>
Wheeler Memorial Library	<i>Orange</i>
Rockland Memorial Library	<i>Rockland</i>
Pratt Memorial Library	<i>Shelburne Falls</i>
Southboro Library (Branch)	<i>Southboro</i>
Gaylord Memorial Library	<i>South Hadley</i>
Beeman Memorial Library	<i>West Boylston</i>
Beals Memorial Library	<i>Winchendon</i>
Wrentham State School	<i>Wrentham</i>
Woods Hole Public Library	<i>Woods Hole</i>
Worcester Public Library	<i>Worcester</i>

Michigan

Board of Education	<i>Battle Creek</i>
Ryerson Library	<i>Grand Rapids</i>
Western State Normal School	<i>Kalamazoo</i>
Michigan State Library	<i>Lansing</i>
Carnegie Public Library	<i>Manistee</i>
Northern State Normal School	<i>Marquette</i>

Michigan—Continued

Public Library	<i>Port Huron</i>
Carnegie Public Library	<i>Sault Ste. Marie</i>
City of Sturgis	<i>Sturgis</i>
State Normal School	<i>Ypsilanti</i>

Minnesota

St. John's Abbey	<i>Collegeville</i>
Carnegie Library	<i>Hibbing</i>
Public Library	<i>Minneapolis</i>
University of Minnesota	<i>Minneapolis</i>
Rochester Public Library	<i>Rochester</i>
Drs. Mayo, Graham, Plummer & Judd	<i>Rochester</i>
Public Library	<i>St. Cloud</i>
Public Library	<i>St. Paul</i>
Public Library	<i>Stillwater</i>
Free Public Library	<i>Winona</i>

Mississippi

Carnegie Library	<i>Houston</i>
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Missouri

State Normal School	<i>Cape Girardeau</i>
Public Library	<i>Joplin</i>
William Jewell College	<i>Liberty</i>
State Normal School	<i>Marysville</i>
Park College	<i>Parkville</i>
Public Library	<i>St. Louis</i>
Public Library	<i>Sedalia</i>

Montana

Public Library	<i>Lewistown</i>
University of Montana	<i>Missoula</i>

Nebraska

Public Library	<i>Beatrice</i>
Public Library	<i>Omaha</i>
Public Library	<i>York</i>

Nevada

Public Library	<i>Reno</i>
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New Hampshire

Bethlehem Public Library	<i>Bethlehem</i>
New Hampshire College of Agriculture	<i>Durham</i>
Abbie L. Greenleaf Memorial Library	<i>Franconia</i>
Gorham Public Library	<i>Gorham</i>
Hollis Public Library	<i>Hollis</i>
Arrah W. Prescott Library	<i>Hooksett</i>
Rye Public Library	<i>Rye</i>
S. H. Wentworth Memorial Library	<i>Sandwich</i>

New Jersey

Public Library	<i>New Brunswick</i>
N. J. State Agricultural School	<i>New Brunswick</i>
Plainfield Public Library	<i>Plainfield</i>
Princeton University, Dep't Geology and Biology	<i>Princeton</i>
Asbury Park Public Library	<i>Asbury Park</i>
Free Public Library	<i>Trenton</i>

New Mexico

New Mexico College of Agriculture and Mechanics Arts
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New York

Syracuse University Library, Main stack room	<i>Syracuse</i>
Syracuse University, Van Ronke Library	<i>Syracuse</i>
Syracuse University, Department of Forestry	<i>Syracuse</i>
Brooklyn Public Library, Bedford Branch	<i>Brooklyn</i>
Public Library	<i>Buffalo</i>
Metropolitan Museum of Art	<i>New York</i>
Supreme Court Library	<i>New York</i>
Vassar College Library	<i>Poughkeepsie</i>
New York State Normal College	<i>Albany</i>
Library School in Educational Building	<i>Albany</i>
Rensselaer Polytechnic Institute	<i>Troy</i>
New York State Normal School	<i>Geneseo</i>
American Institute	<i>New York</i>
New York Historical Society	<i>New York</i>
United States Military Academy	<i>West Point</i>
Memorial Art Gallery, Rochester University	<i>Rochester</i>
Rockville Center Public Library	<i>Rockville Center</i>
Redemptorists Fathers' Mission Church	<i>Brooklyn</i>

North Carolina

Albemarle Normal and Industrial Institute	<i>Albemarle</i>
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North Dakota

Public Library	<i>Grand Forks</i>
University of North Dakota	<i>University</i>
University of North Dakota, School of Mines	<i>University</i>

Ohio

Public Library	<i>Akron</i>
Public Library	<i>Coshocton</i>
Dayton Public Library	<i>Dayton</i>
Delaware Public Library	<i>Delaware</i>
Symes Estate Law Library	<i>Denver</i>
State Normal School	<i>Kent</i>
Public Library	<i>Lima</i>

Ohio—Continued

Otterbein University	<i>Westerville</i>
Wilberforce University Library	<i>Wilberforce</i>
Xenia Public Library	<i>Xenia</i>
Public Library	<i>Zanesville</i>

Pennsylvania

Hazleton Public Library	<i>Hazleton</i>
Academy of the New Church	<i>Bryn Athyn</i>
Easton Public Library	<i>Easton</i>
St. Vincent's Seminary	<i>Germantown</i>
Friends' Library, Young Friends Association	<i>Philadelphia</i>

Rhode Island

People's Library	<i>Newport</i>
Redwood Library	<i>Newport</i>
Deborah Cook Sayles Library	<i>Pawtucket</i>
John Hay Memorial Library, Brown Univ.	<i>Providence</i>
Rhode Island Historical Society	<i>Providence</i>
Public Library	<i>Westerly</i>

South Carolina

Charleston Public Library	<i>Charleston</i>
Lutheran Theological Seminary	<i>Columbia</i>

Texas

Carnegie Library	<i>San Antonio</i>
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Vermont

Aldrich Public Library	<i>Barre</i>
S. L. Griffith Memorial Library	<i>Danby</i>
Vermont State Library	<i>Montpelier</i>

Virginia

Handley Memorial Library	<i>Winchester</i>
Washington and Lee University	<i>Lexington</i>

Wisconsin

Public Museum	<i>Milwaukee</i>
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Wyoming

Public Library	<i>Laramie</i>
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Foreign

Westmont Library,	<i>Quebec, Canada</i>
Oswaldo Cruz Library	<i>Rio de Janeiro, Brazil</i>
Bureau of Science Library	<i>Manila, Philippine Islands</i>
National Public Library	<i>Mexico City, Mex.</i>

L. B. Museum cases

Catalog upon request



Library Bureau extruded bronze and glass museum cases showing arrangement of wall cases. Plate glass shelves adjustable on inch centers are supported by corner brackets. Manufactured in size and design to meet any museum requirement

Library furniture

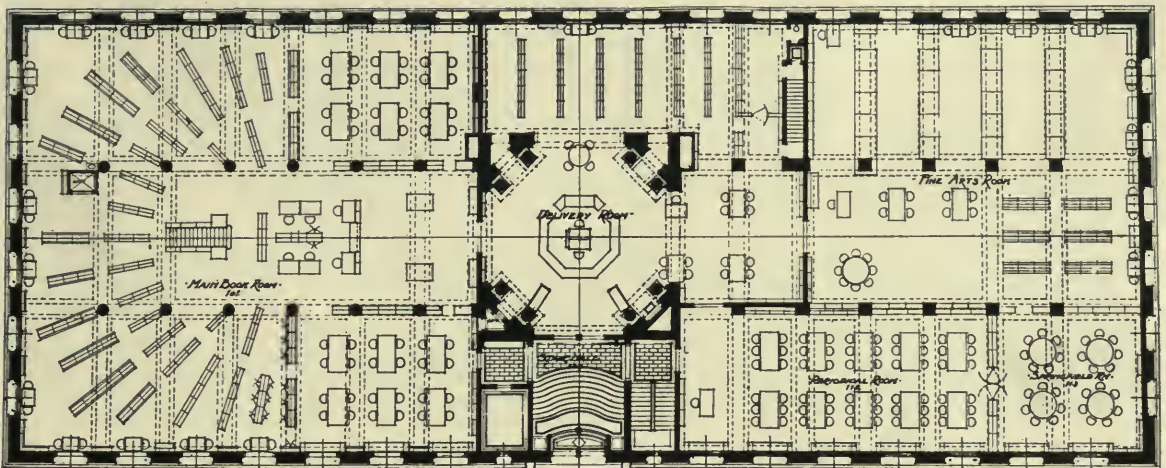
Prints and information upon request



E. L. Tilton, Architect

Hiller C. Wellman, Librarian

Main book room, City Library, Springfield, Mass.



Main floor plan, showing arrangement of oak shelving in main book room, delivery room, and specially designed cupboard cases for art folios and music shelving in fine arts room. Technical furniture throughout furnished by Library Bureau

Unit wood book shelving

Catalog upon request



Reading room. The Academy of the New Church, Bryn Athyn, Pa., fitted with L. B. unit wall shelving. Complete library equipment furnished by Library Bureau



Children's reading room, Public Library, Elizabeth, N.J., fitted with L. B. unit low wall shelving showing bulletin boards above. Complete equipment. furnished by Library Bureau

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BERKELEY

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